



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752489 - DIESEL ENGINE



Sample No: VCP449878
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP449878 | VCP437849 | VCP432184 | VCP408285 |
| Sample Date | 29 May 2024 | 16 Feb 2024 | 14 Nov 2023 | 08 Jun 2023 |
| Machine Hours | 3139 | 2656 | 2088 | 1604 |
| Oil Hours | 0 | 0 | 0 | 500 |
| Oil Changed | Changed | Changed | N/A | Changed |
| Sample Status | SEVERE | SEVERE | ATTENTION | NORMAL |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

| | | | | | |
|------------------|----------|--------------|-------|-------|--------|
| Visc @ 100°C | cSt | ▲ 8.5 | ▲ 7.3 | ● 8.5 | ■ 12.4 |
| Base Number (BN) | mg KOH/g | ■ 8.1 | ■ 7.6 | ■ 8.7 | ■ 9.7 |
| Oxidation (PA) | % | 63 | 60 | 63 | 82 |

Diagnosis

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



CONTAMINATION

| | | | | | |
|----------------|-----|---------------|--------|-------|-------|
| Water | % | NEG | NEG | NEG | NEG |
| Soot % | % | ■ 0.2 | ■ 0.2 | ■ 0.2 | ■ 0.3 |
| Nitration (PA) | % | 63 | 60 | 58 | 68 |
| Sulfation (PA) | % | 53 | 51 | 52 | 63 |
| Glycol | % | NEG | NEG | NEG | NEG |
| Fuel | % | ▲ 17.4 | ▲ 22.8 | ■ 1.2 | <1.0 |
| Silicon | ppm | ■ 3 | ■ 3 | ■ 5 | ■ 3 |
| Sodium | ppm | ■ 2 | ■ 1 | ■ 4 | ■ 2 |
| Potassium | ppm | ■ 2 | ■ <1 | ■ 33 | ■ 1 |



WEAR METALS

| | | | | | |
|------------|-----|----------------|------|------|------|
| Iron | ppm | ■ 3 | ■ 4 | ■ 49 | ■ 4 |
| Copper | ppm | ■ <1 | ■ 2 | ■ 2 | ■ 12 |
| Lead | ppm | ■ <1 | ■ <1 | ■ 0 | ■ <1 |
| Tin | ppm | ■ <1 | ■ <1 | ■ <1 | ■ 0 |
| Aluminum | ppm | ■ 2 | ■ 2 | ■ 14 | ■ 6 |
| Chromium | ppm | ■ 0 | ■ 0 | ■ <1 | ■ 0 |
| Molybdenum | ppm | ■ 32 | ■ 32 | ■ 70 | ■ 54 |
| Nickel | ppm | ■ 2 | ■ 1 | ■ 0 | ■ 0 |
| Titanium | ppm | 0 | ■ 0 | 0 | 0 |
| Silver | ppm | ■ <1 | ■ 0 | ■ 0 | ■ 0 |
| Manganese | ppm | ■ <1 | ■ <1 | ■ <1 | ■ 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|--------|--------|--------|
| Calcium | ppm | 1174 | ■ 1224 | ■ 1153 | ■ 2008 |
| Magnesium | ppm | ■ 532 | ■ 440 | ■ 805 | ■ 602 |
| Zinc | ppm | ■ 868 | ■ 877 | ■ 1094 | ■ 1288 |
| Phosphorus | ppm | ■ 748 | ■ 759 | ■ 870 | ■ 1089 |
| Barium | ppm | ■ 0 | ■ 0 | ■ 0 | ■ 12 |
| Boron | ppm | ■ 30 | ■ 22 | ■ 16 | ■ 28 |

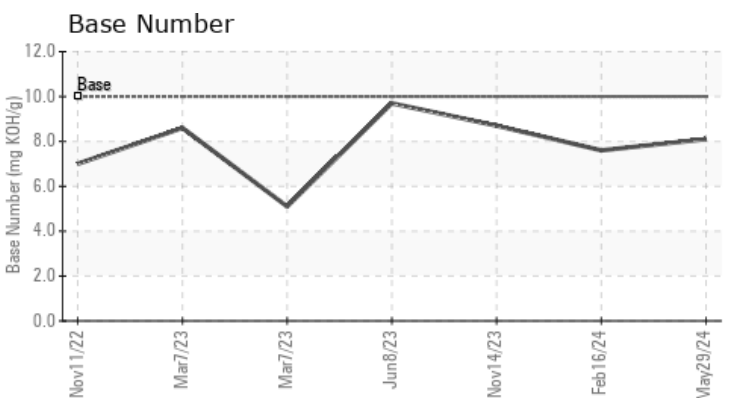
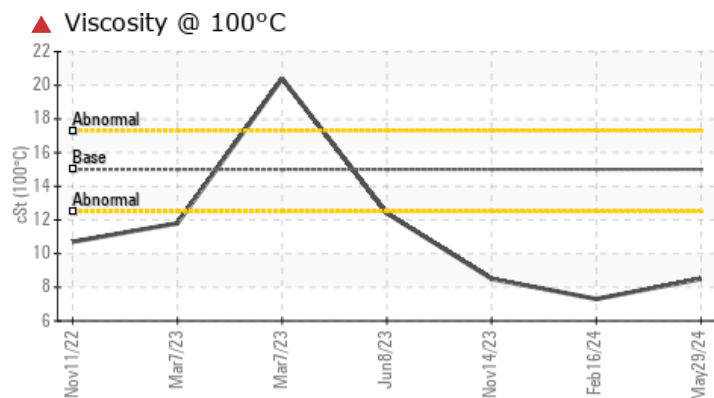
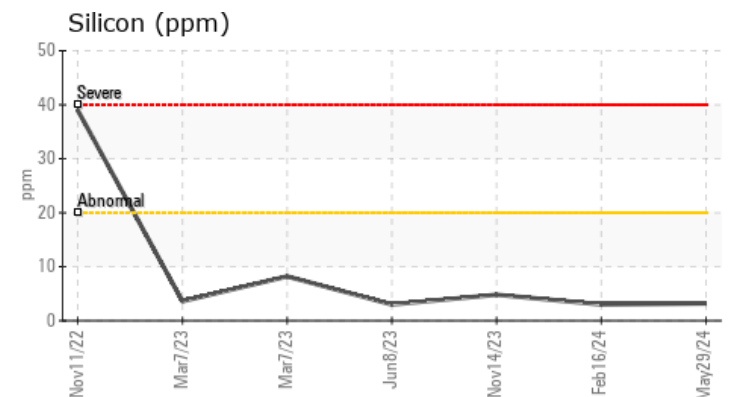
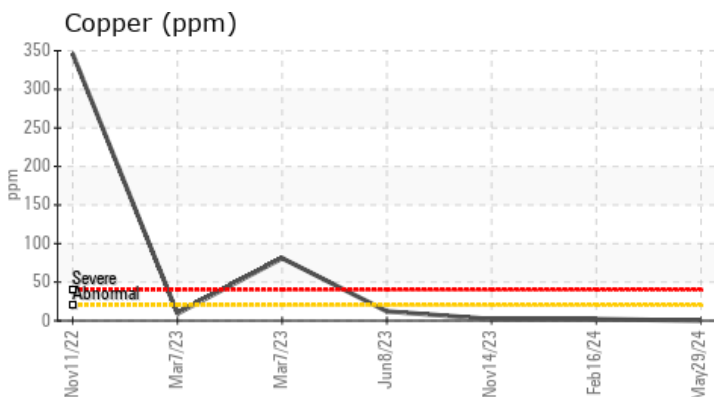
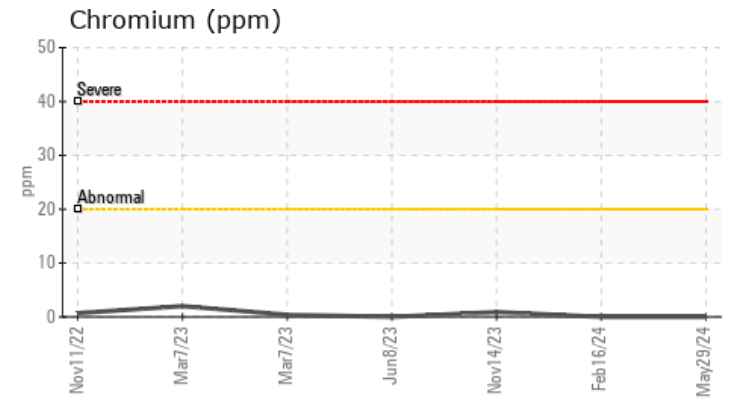
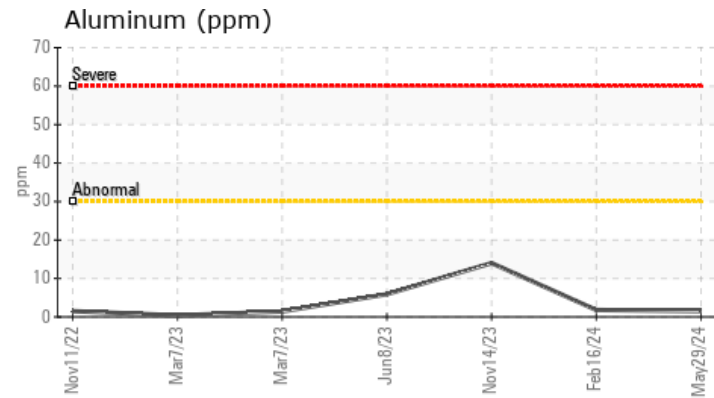
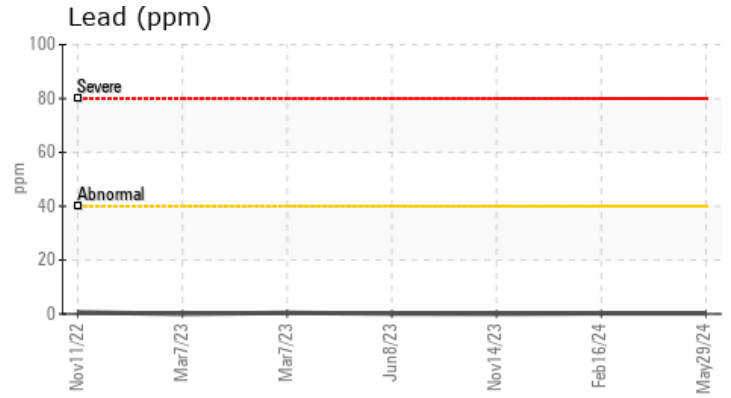
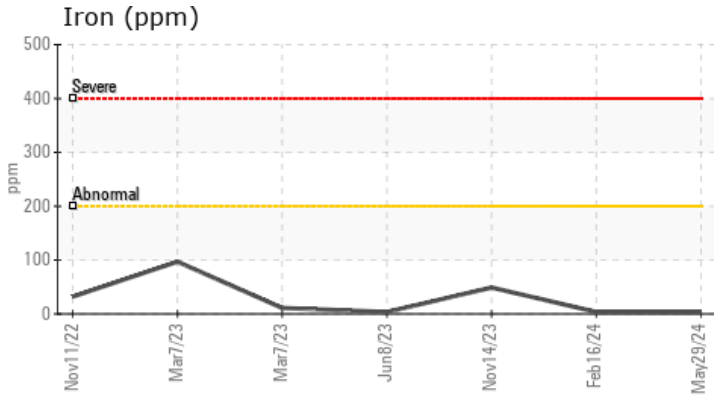
Depot: VOLVO0093
Unique No: 11060791
Signed: Wes Davis
Report Date: 06 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

TUCKER PAVING TUCKER PAVING VOLVO A25G 752489 - TRANSMISSION (AUTO)



Sample No: VCP439796
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: TUCKER PAVING



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP439796 | VCP432182 | VCP418278 | VCP393534 |
| Sample Date | 29 May 2024 | 14 Nov 2023 | 08 Jun 2023 | 07 Mar 2023 |
| Machine Hours | 3139 | 2088 | 1604 | 1083 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Changd | N/A | N/A | Not Changd |
| Sample Status | NORMAL | MARGINAL | NORMAL | NORMAL |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 24.1 | 28.7 | 29.0 | 29.3 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|---------|-----|-----|
| Water | % | NEG | ▲ 0.132 | NEG | NEG |
| Silicon | ppm | 14 | 15 | 14 | 16 |
| Sodium | ppm | 7 | 6 | 4 | 4 |
| Potassium | ppm | 2 | 4 | 0 | 5 |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 47 | 34 | 39 | 26 |
| Copper | ppm | 23 | 20 | 16 | 15 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 5 | 5 | 3 | 4 |
| Aluminum | ppm | 30 | 25 | 21 | 21 |
| Chromium | ppm | 0 | 0 | <1 | <1 |
| Molybdenum | ppm | 0 | 0 | 0 | <1 |
| Nickel | ppm | 1 | 2 | 1 | 1 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 5 | 4 | 3 | 4 |
| Vanadium | ppm | <1 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 61 | 71 | 101 | 77 |
| Magnesium | ppm | 0 | <1 | 0 | 4 |
| Zinc | ppm | 0 | 0 | 19 | 0 |
| Phosphorus | ppm | 178 | 189 | 207 | 198 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 72 | 71 | 76 | 74 |

Depot: VOLVO0093
Unique No: 11061798
Signed: Don Baldrige
Report Date: 06 Jun 2024

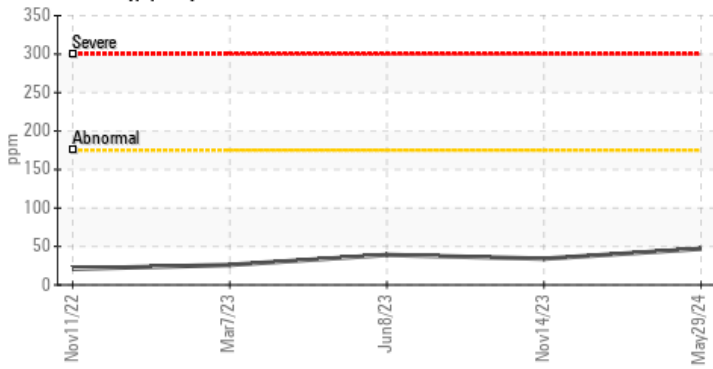


CONSTRUCTION EQUIPMENT

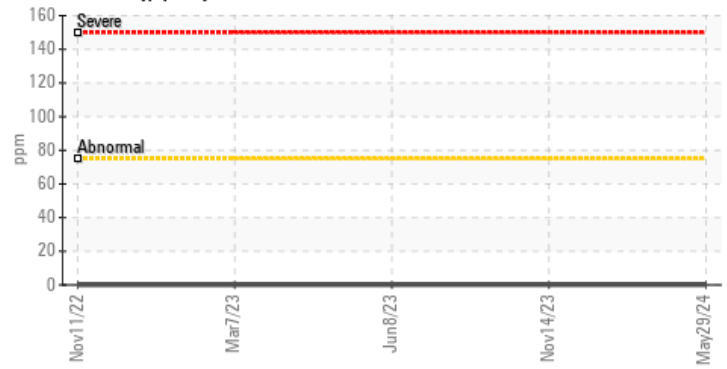


GRAPHS

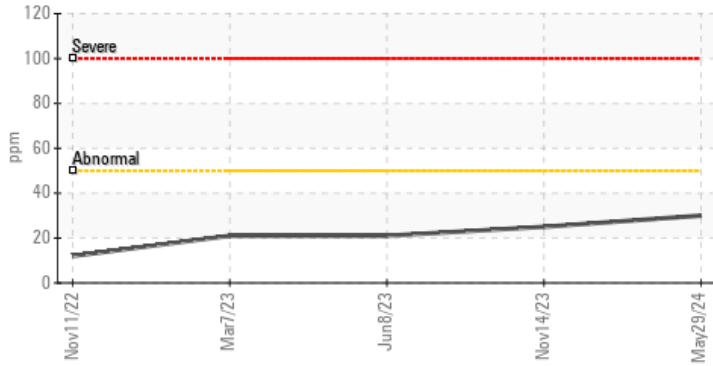
Iron (ppm)



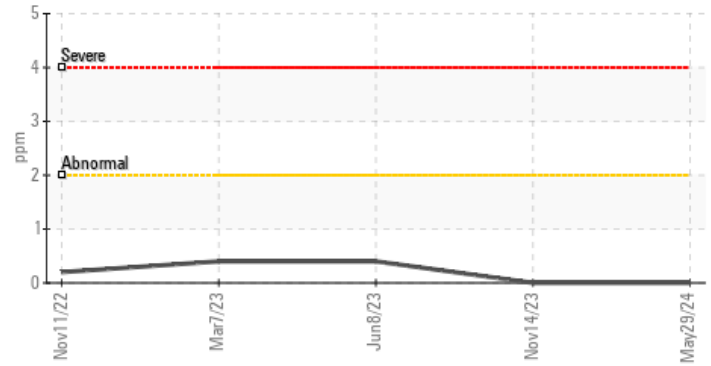
Lead (ppm)



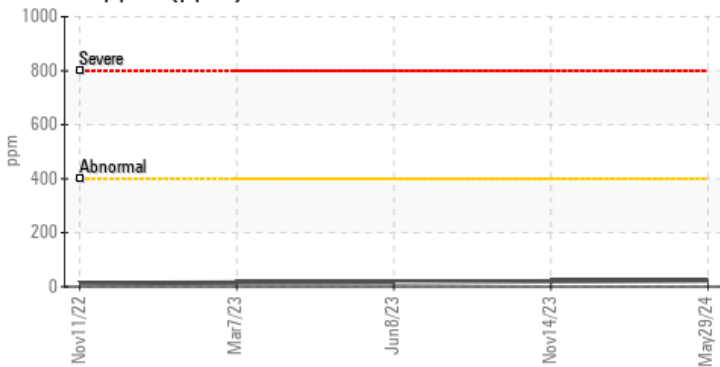
Aluminum (ppm)



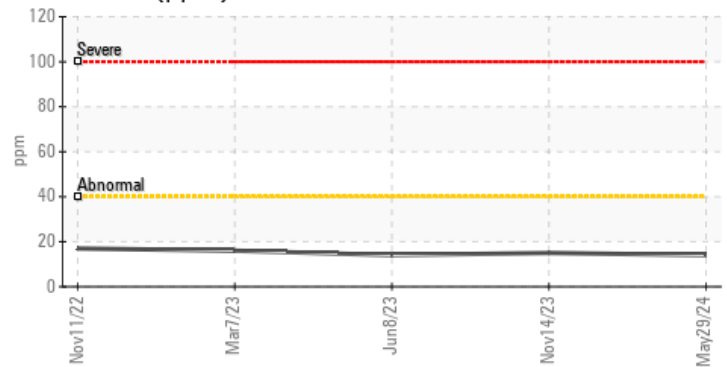
Chromium (ppm)



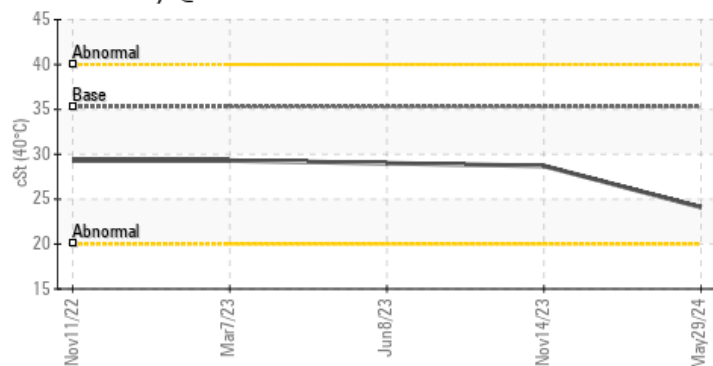
Copper (ppm)



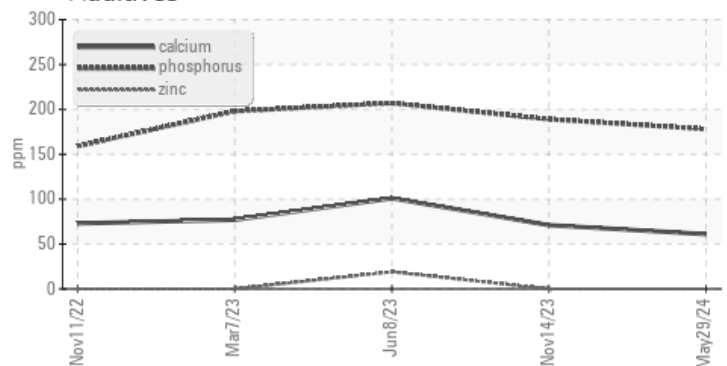
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

TUCKER PAVING 515418 TUCKER VOLVO A25G 752489 - BRAKE COOLING SYSTEM



Sample No: VCP400027
Oil Type: VOLVO WB 102
Job No: 515418 TUCKER



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP400027 | --- | --- | --- |
| Sample Date | 07 Mar 2023 | --- | --- | --- |
| Machine Hours | 1083 | --- | --- | --- |
| Oil Hours | 1083 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: JOHN FARDELLA
john.fardella@altg.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █44.4 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █13 | --- | --- | --- |
| Sodium | ppm | █3 | --- | --- | --- |
| Potassium | ppm | █6 | --- | --- | --- |

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The AN level is acceptable for this fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █5 | --- | --- | --- |
| Copper | ppm | █128 | --- | --- | --- |
| Lead | ppm | █2 | --- | --- | --- |
| Tin | ppm | █<1 | --- | --- | --- |
| Aluminum | ppm | █<1 | --- | --- | --- |
| Chromium | ppm | █<1 | --- | --- | --- |
| Molybdenum | ppm | █<1 | --- | --- | --- |
| Nickel | ppm | █0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █4218 | --- | --- | --- |
| Magnesium | ppm | █12 | --- | --- | --- |
| Zinc | ppm | █1714 | --- | --- | --- |
| Phosphorus | ppm | █1313 | --- | --- | --- |
| Barium | ppm | █0 | --- | --- | --- |
| Boron | ppm | █137 | --- | --- | --- |

Depot: VOLVO0093
Unique No: 10402856
Signed: Angela Borella
Report Date: 31 Mar 2023

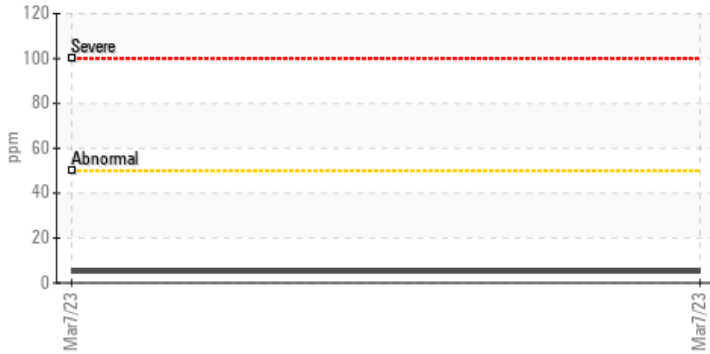


CONSTRUCTION EQUIPMENT



GRAPHS

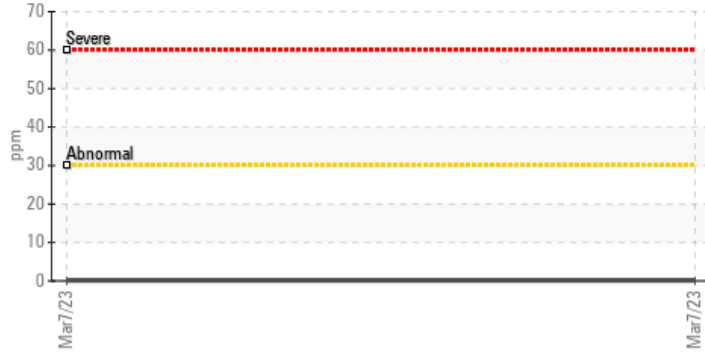
Iron (ppm)



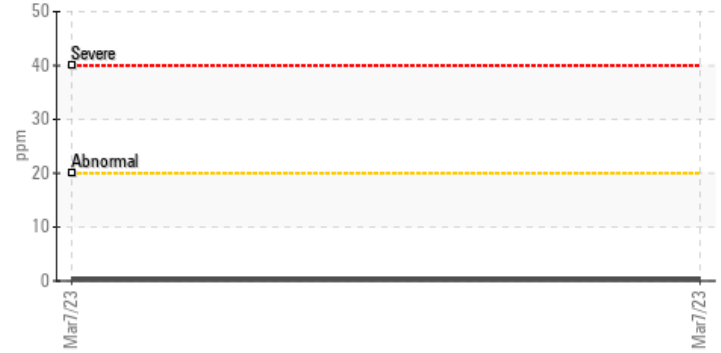
Lead (ppm)



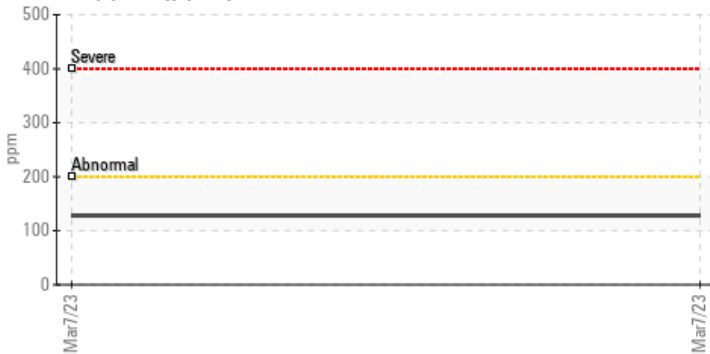
Aluminum (ppm)



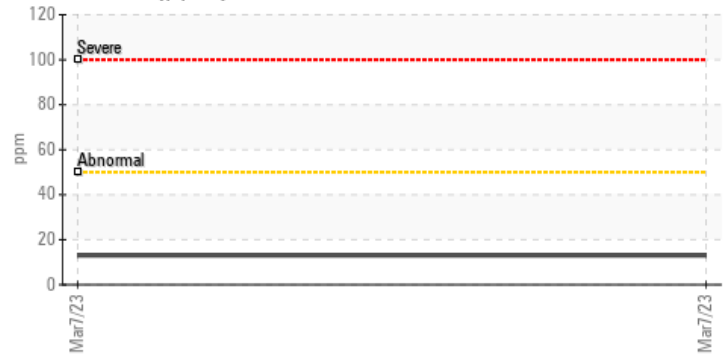
Chromium (ppm)



Copper (ppm)



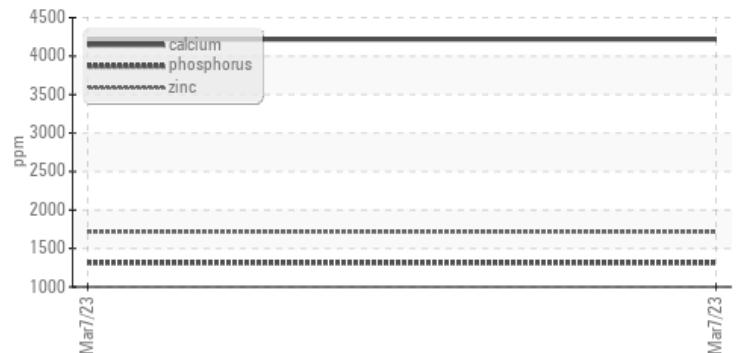
Silicon (ppm)



Viscosity @ 40°C



Additives





CONSTRUCTION EQUIPMENT

TUCKER PAVING TUCKER PAVING VOLVO A25G 752489 - WET DISC BRAKE



Sample No: VCP449875
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: JOHN FARDELLA
john.fardella@altg.com
T: (813)630-0077
F: (813)630-2233



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP449875 | --- | --- | --- |
| Sample Date | 29 May 2024 | --- | --- | --- |
| Machine Hours | 3139 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 45.0 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 8 | --- | --- | --- |
| Sodium | ppm | █ 4 | --- | --- | --- |
| Potassium | ppm | █ 3 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | █ 9 | --- | --- | --- |
| Copper | ppm | ▲ 250 | --- | --- | --- |
| Lead | ppm | █ 2 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ <1 | --- | --- | --- |
| Chromium | ppm | █ 0 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 3788 | --- | --- | --- |
| Magnesium | ppm | █ 6 | --- | --- | --- |
| Zinc | ppm | █ 1458 | --- | --- | --- |
| Phosphorus | ppm | █ 1238 | --- | --- | --- |
| Barium | ppm | █ 2 | --- | --- | --- |
| Boron | ppm | █ 145 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

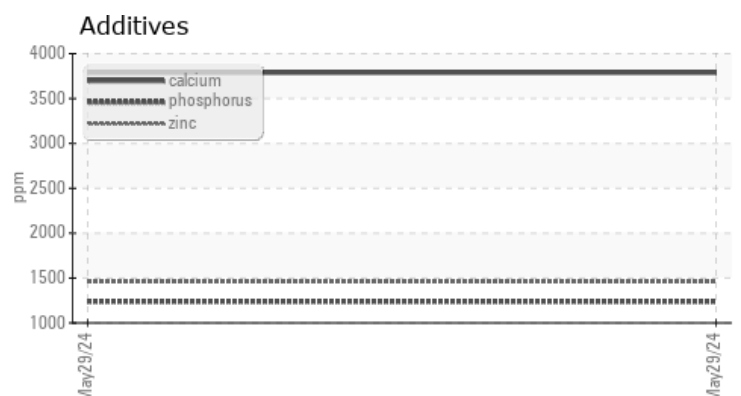
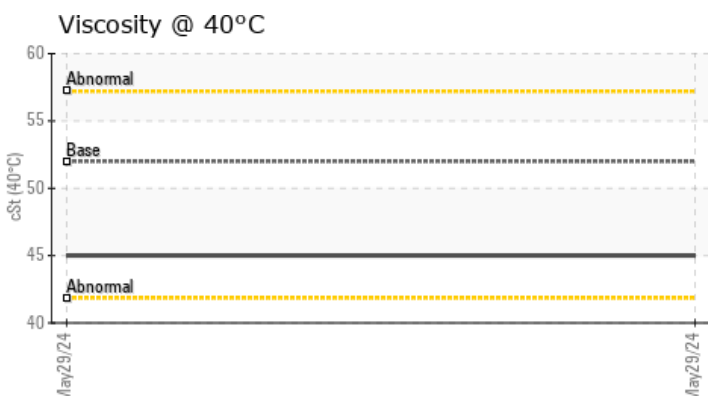
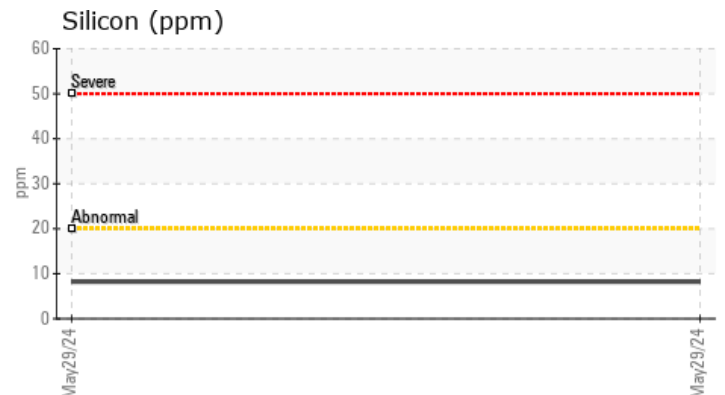
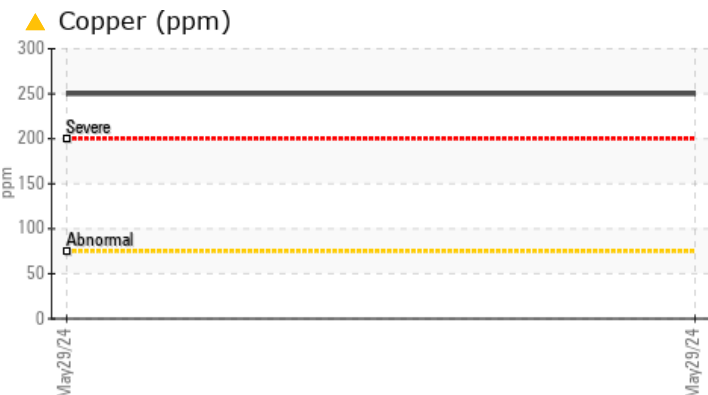
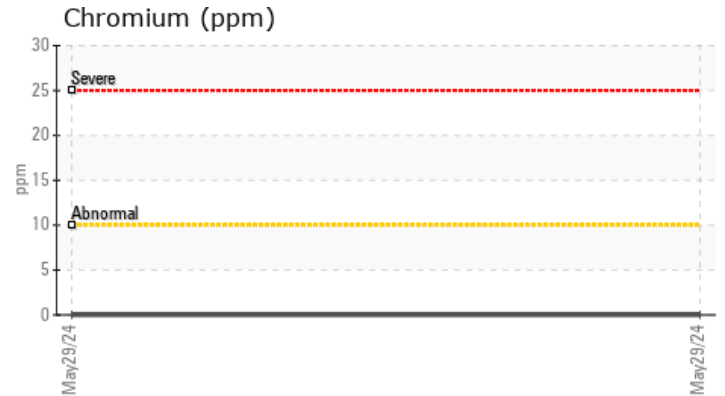
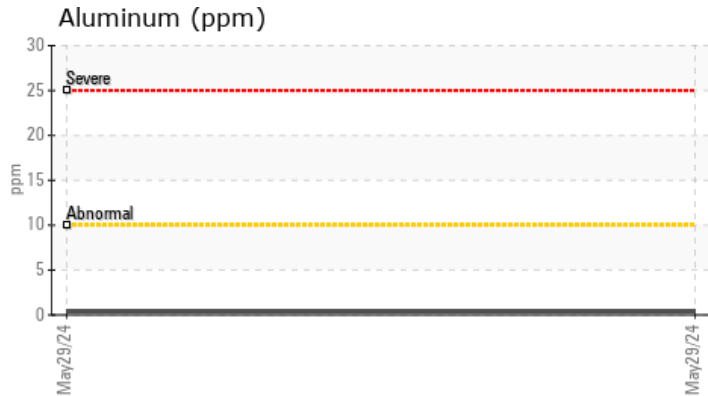
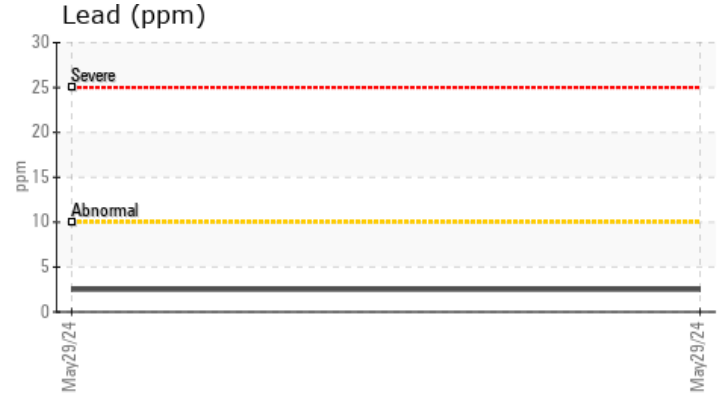
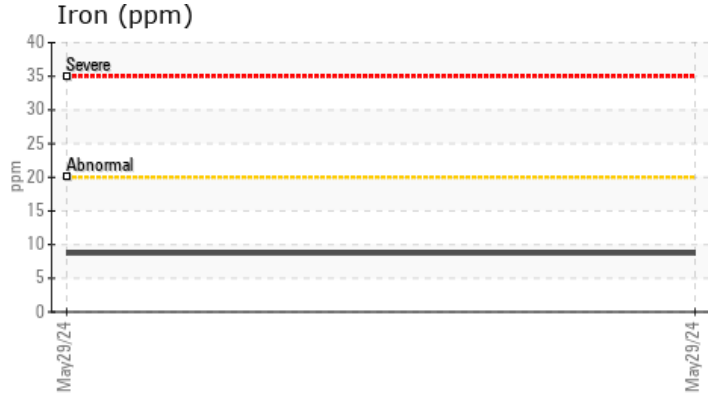
Depot: VOLVO0093
Unique No: 11061753
Signed: Don Baldrige
Report Date: 06 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS





CONSTRUCTION EQUIPMENT

TUCKER PAVING TUCKER PAVING VOLVO A25G 752489 - HYDRAULIC SYSTEM



Sample No: VCP439662
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: TUCKER PAVING



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP439662 | VCP402341 | --- | --- |
| Sample Date | 29 May 2024 | 07 Mar 2023 | --- | --- |
| Machine Hours | 3139 | 1083 | --- | --- |
| Oil Hours | 0 | 1083 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

| | | | | | |
|------------------|----------|------|------|-----|-----|
| Visc @ 40°C | cSt | 42.1 | 43.3 | --- | --- |
| Acid Number (AN) | mg KOH/g | 0.45 | 0.39 | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|----------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Particles >4µm | | 3961 | 5472 | --- | --- |
| Particles >6µm | | 682 | 577 | --- | --- |
| Particles >14µm | | 17 | 17 | --- | --- |
| ISO 4406:1999 (c) | | 19/17/11 | 20/16/11 | --- | --- |
| Silicon | ppm | 10 | 4 | --- | --- |
| Sodium | ppm | 1 | <1 | --- | --- |
| Potassium | ppm | <1 | <1 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

| | | | | | |
|------------|-----|----|----|-----|-----|
| Iron | ppm | 11 | 4 | --- | --- |
| Copper | ppm | 5 | 2 | --- | --- |
| Lead | ppm | 2 | <1 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 4 | 1 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | <1 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titanium | ppm | <1 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 0 | 0 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 56 | 51 | --- | --- |
| Magnesium | ppm | 2 | <1 | --- | --- |
| Zinc | ppm | 426 | 433 | --- | --- |
| Phosphorus | ppm | 307 | 325 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 0 | 0 | --- | --- |

Depot: VOLVO0093
Unique No: 11061191
Signed: Wes Davis
Report Date: 05 Jun 2024

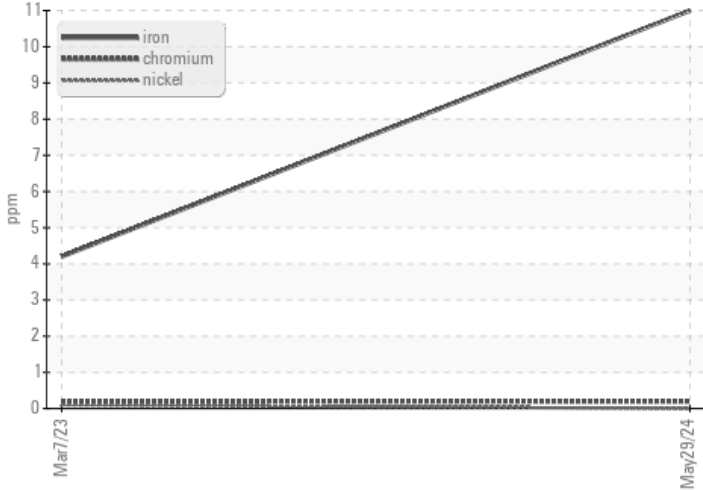


CONSTRUCTION EQUIPMENT

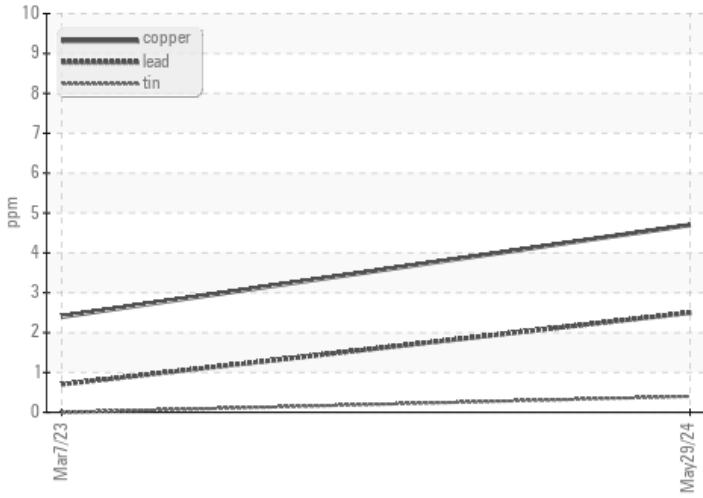


GRAPHS

Ferrous Alloys



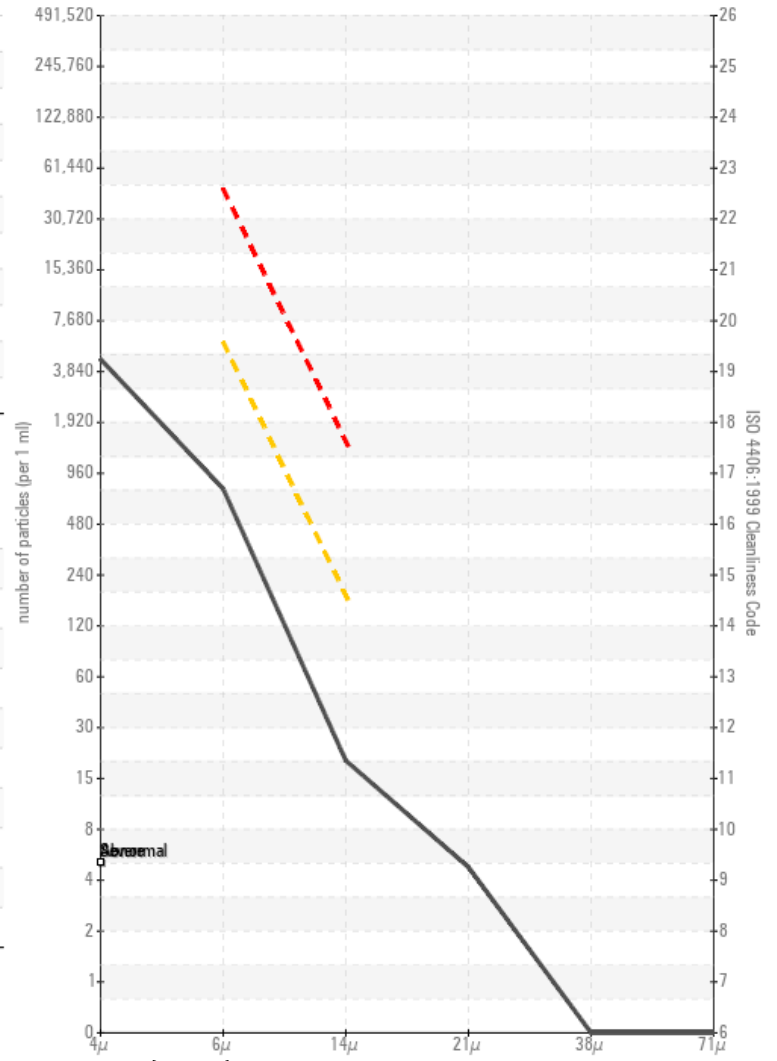
Non-ferrous Metals



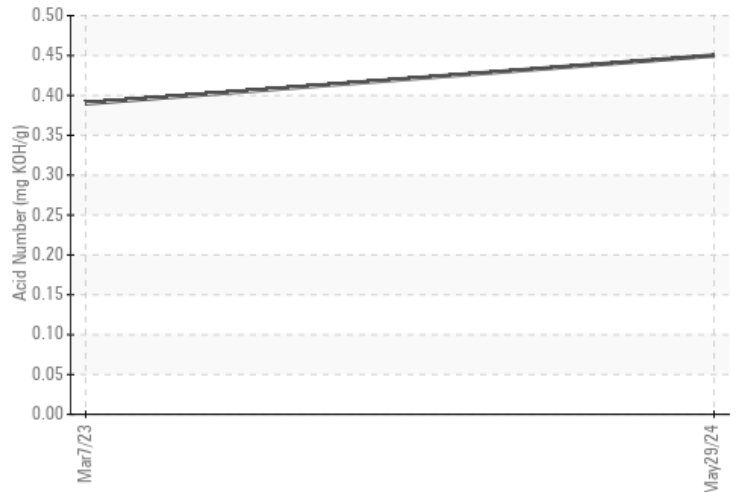
Viscosity @ 40°C



Particle Count



Acid Number





CONSTRUCTION EQUIPMENT

TUCKER PAVING TUCKER PAVING VOLVO A25G 752489 - FRONT AXLE



Sample No: VCP439664
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP439664 | VCP396967 | VCP386243 | --- |
| Sample Date | 29 May 2024 | 07 Mar 2023 | 11 Nov 2022 | --- |
| Machine Hours | 3139 | 1083 | 505 | --- |
| Oil Hours | 0 | 500 | 505 | --- |
| Oil Changed | Not Chngd | Not Chngd | Changed | --- |
| Sample Status | NORMAL | NORMAL | ATTENTION | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|------|-----|
| Visc @ 40°C | cSt | 224 | 227 | 85.5 | --- |
|-------------|-----|------------|-----|------|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | NEG | NEG | NEG | --- |
| Silicon | ppm | 0 | 21 | 6 | --- |
| Sodium | ppm | <1 | <1 | 2 | --- |
| Potassium | ppm | <1 | 4 | 5 | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 153 | 139 | 289 | --- |
| Copper | ppm | 20 | 9 | 31 | --- |
| Lead | ppm | 0 | 0 | <1 | --- |
| Tin | ppm | 0 | <1 | 2 | --- |
| Aluminum | ppm | 0 | 2 | 7 | --- |
| Chromium | ppm | 2 | 2 | 6 | --- |
| Molybdenum | ppm | 6 | 6 | 15 | --- |
| Nickel | ppm | <1 | <1 | 4 | --- |
| Titanium | ppm | 0 | <1 | <1 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 4 | 4 | 10 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|------|-----|
| Calcium | ppm | 350 | 346 | 1178 | --- |
| Magnesium | ppm | 10 | 17 | 3 | --- |
| Zinc | ppm | 161 | 158 | 458 | --- |
| Phosphorus | ppm | 1108 | 1078 | 1293 | --- |
| Barium | ppm | <1 | 0 | 0 | --- |
| Boron | ppm | 186 | 167 | 237 | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

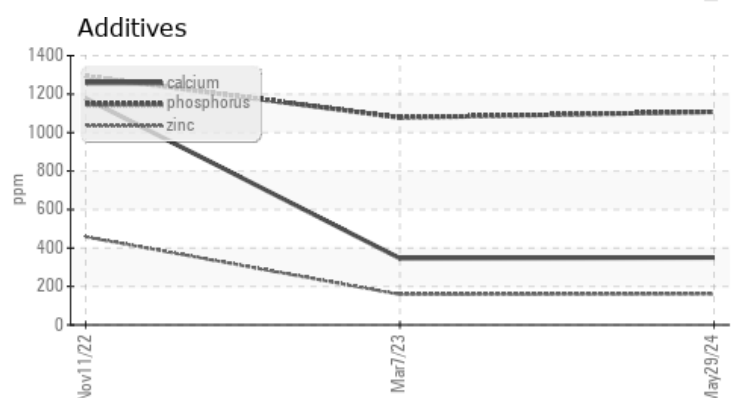
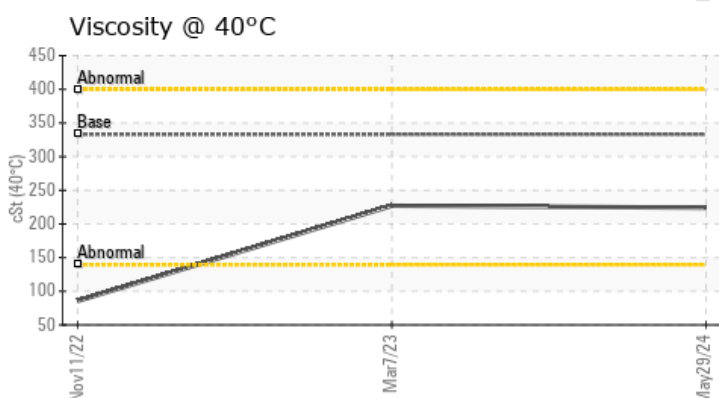
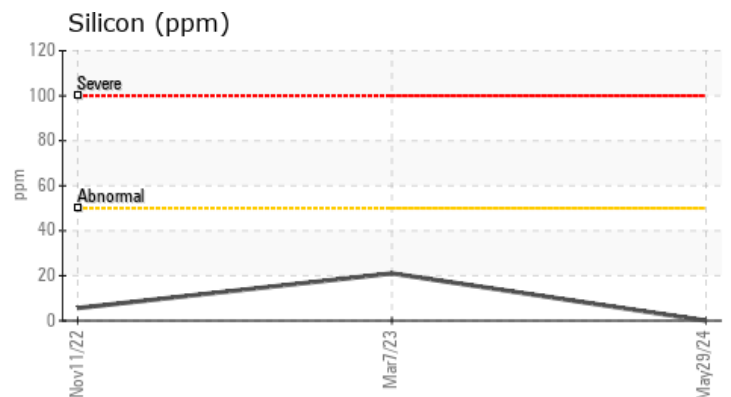
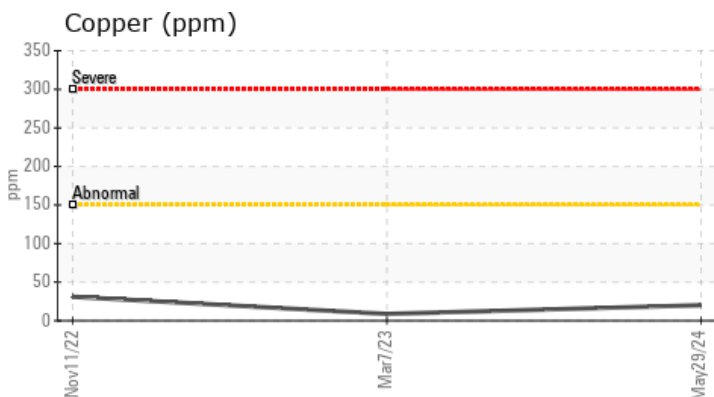
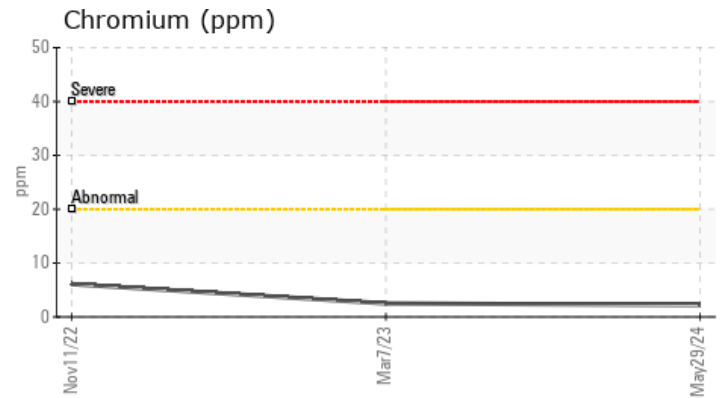
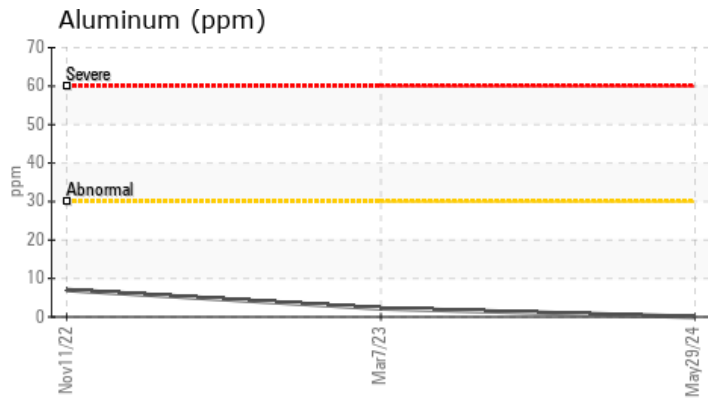
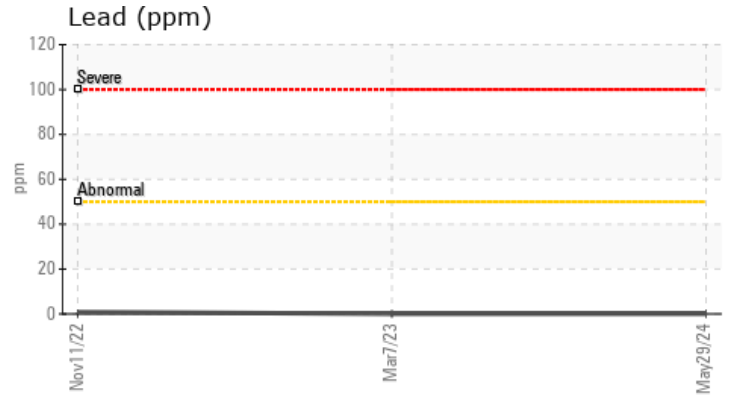
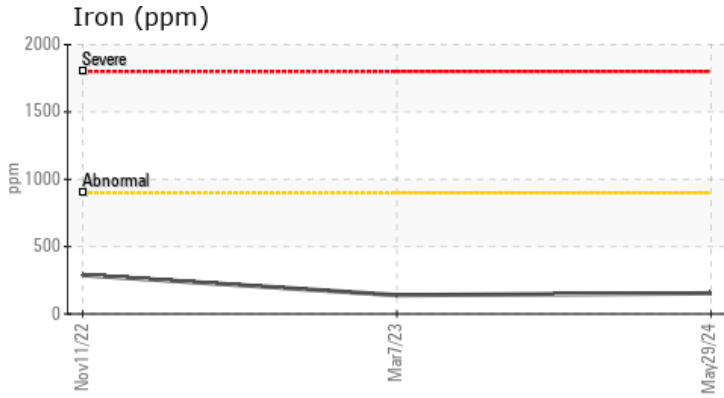
Depot: VOLVO0093
Unique No: 11061754
Signed: Wes Davis
Report Date: 05 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

TUCKER PAVING TUCKER PAVING VOLVO A25G 752489 - BOGIE/CENTER AXLE



Sample No: VCP439663
Oil Type: GEAR OIL SAE 85W140
Job No: TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP439663 | VCP396577 | VCP386649 | --- |
| Sample Date | 29 May 2024 | 07 Mar 2023 | 11 Nov 2022 | --- |
| Machine Hours | 3139 | 1083 | 505 | --- |
| Oil Hours | 0 | 500 | 505 | --- |
| Oil Changed | Not Chngd | Not Chngd | Changed | --- |
| Sample Status | NORMAL | NORMAL | NORMAL | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|------|-----|
| Visc @ 40°C | cSt | 238 | 240 | 90.8 | --- |
|-------------|-----|------------|-----|------|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | NEG | NEG | NEG | --- |
| Silicon | ppm | 0 | 3 | 8 | --- |
| Sodium | ppm | <1 | <1 | 2 | --- |
| Potassium | ppm | <1 | 4 | 5 | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 173 | 92 | 382 | --- |
| Copper | ppm | 25 | 13 | 52 | --- |
| Lead | ppm | 0 | 0 | 1 | --- |
| Tin | ppm | <1 | <1 | 3 | --- |
| Aluminum | ppm | 0 | <1 | 1 | --- |
| Chromium | ppm | 2 | 2 | 7 | --- |
| Molybdenum | ppm | 5 | 4 | 11 | --- |
| Nickel | ppm | <1 | <1 | 4 | --- |
| Titanium | ppm | 0 | 0 | <1 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 4 | 3 | 11 | --- |
| Vanadium | ppm | 0 | 0 | <1 | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|------|-----|
| Calcium | ppm | 256 | 273 | 886 | --- |
| Magnesium | ppm | 11 | 18 | 3 | --- |
| Zinc | ppm | 128 | 127 | 367 | --- |
| Phosphorus | ppm | 1109 | 1071 | 1270 | --- |
| Barium | ppm | <1 | 0 | 0 | --- |
| Boron | ppm | 216 | 182 | 233 | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

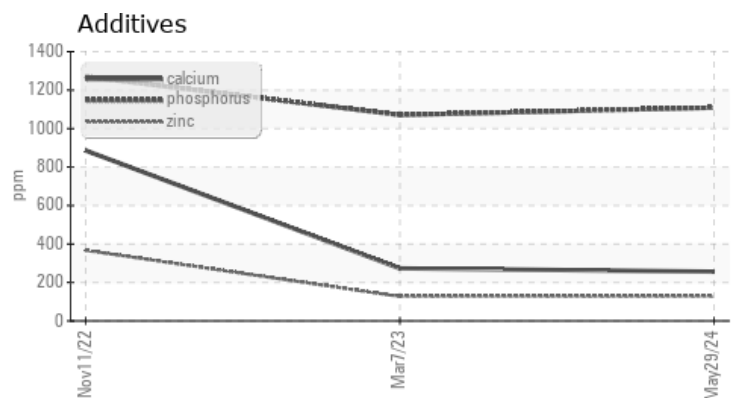
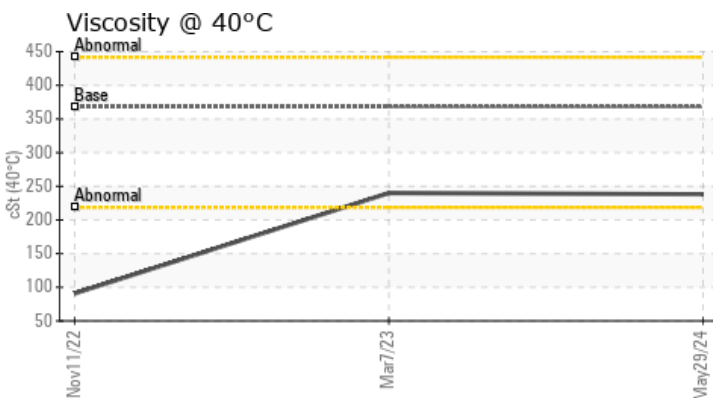
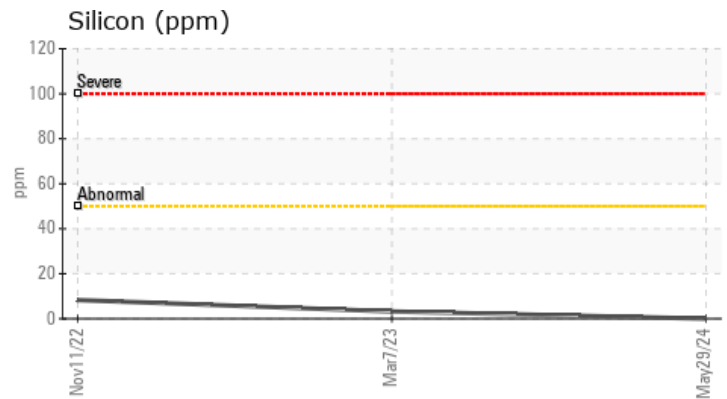
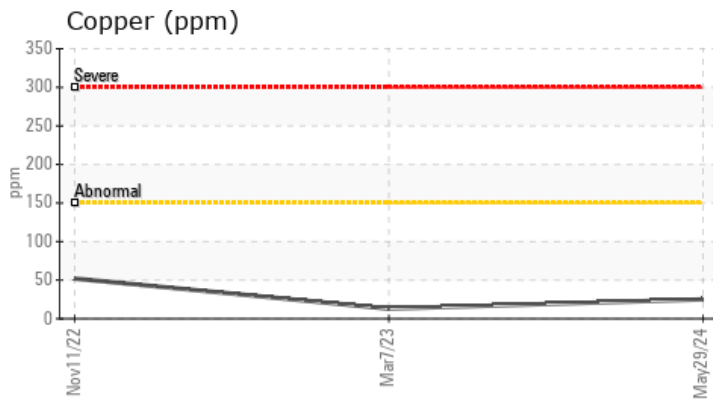
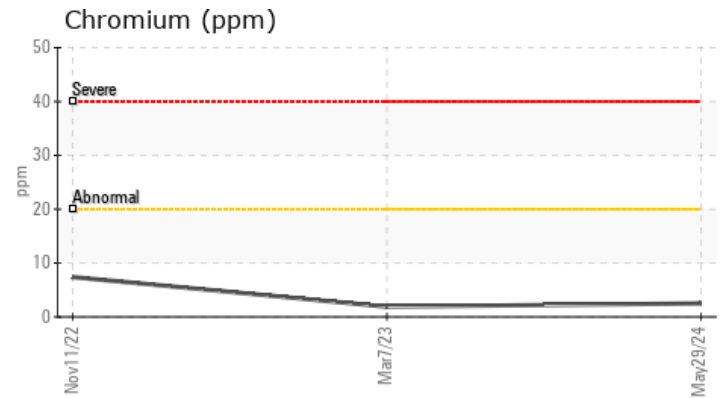
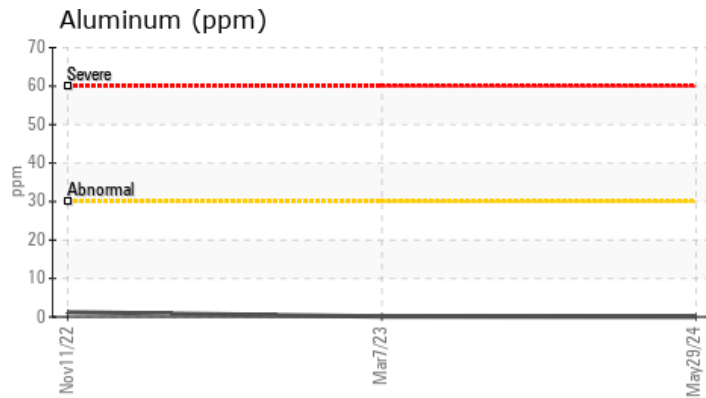
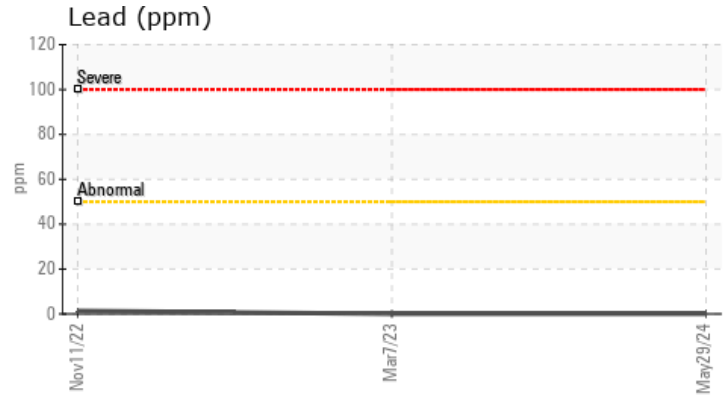
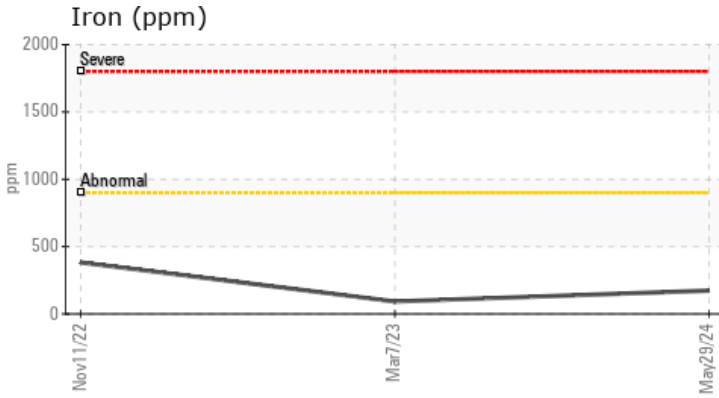
Depot: VOLVO0093
Unique No: 11061755
Signed: Wes Davis
Report Date: 05 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752489 - REAR AXLE



Sample No: VCP439666
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | VCP439666 | VCP400028 | VCP386203 | --- |
| Sample Date | 29 May 2024 | 07 Mar 2023 | 11 Nov 2022 | --- |
| Machine Hours | 3139 | 1083 | 505 | --- |
| Oil Hours | 0 | 500 | 505 | --- |
| Oil Changed | Not Chngd | Not Chngd | Changed | --- |
| Sample Status | NORMAL | NORMAL | NORMAL | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|------|-----|
| Visc @ 40°C | cSt | 236 | 241 | 92.3 | --- |
|-------------|-----|------------|-----|------|-----|



CONTAMINATION

| Water | % | NEG | NEG | NEG | --- |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | 0 | 2 | 6 | --- |
| Sodium | ppm | <1 | <1 | 2 | --- |
| Potassium | ppm | 0 | 3 | 3 | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 163 | 51 | 351 | --- |
| Copper | ppm | 19 | 11 | 35 | --- |
| Lead | ppm | 0 | 0 | 1 | --- |
| Tin | ppm | <1 | <1 | 2 | --- |
| Aluminum | ppm | 0 | <1 | 2 | --- |
| Chromium | ppm | 2 | 1 | 7 | --- |
| Molybdenum | ppm | 4 | 3 | 11 | --- |
| Nickel | ppm | <1 | 0 | 6 | --- |
| Titanium | ppm | 0 | 0 | <1 | --- |
| Silver | ppm | 0 | 0 | 0 | --- |
| Manganese | ppm | 4 | 2 | 11 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|------|-----|
| Calcium | ppm | 224 | 237 | 775 | --- |
| Magnesium | ppm | 10 | 16 | 2 | --- |
| Zinc | ppm | 113 | 116 | 323 | --- |
| Phosphorus | ppm | 1140 | 1087 | 1266 | --- |
| Barium | ppm | <1 | 0 | 0 | --- |
| Boron | ppm | 202 | 180 | 228 | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

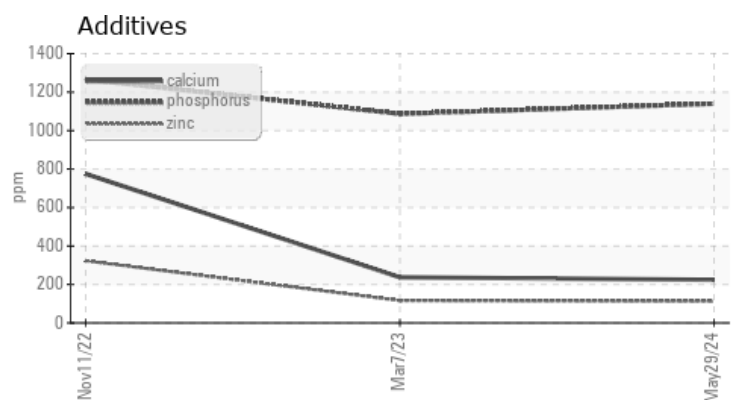
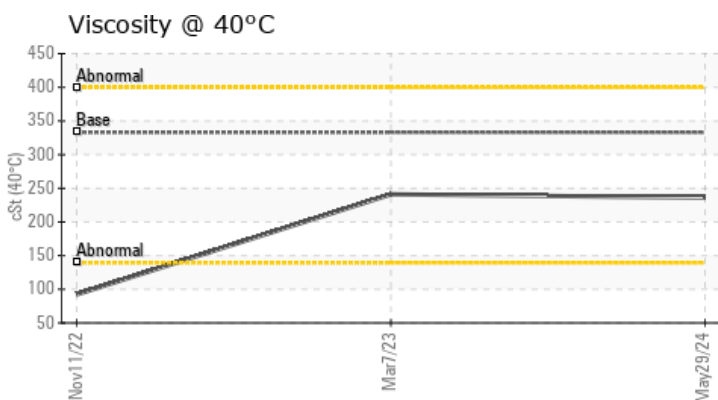
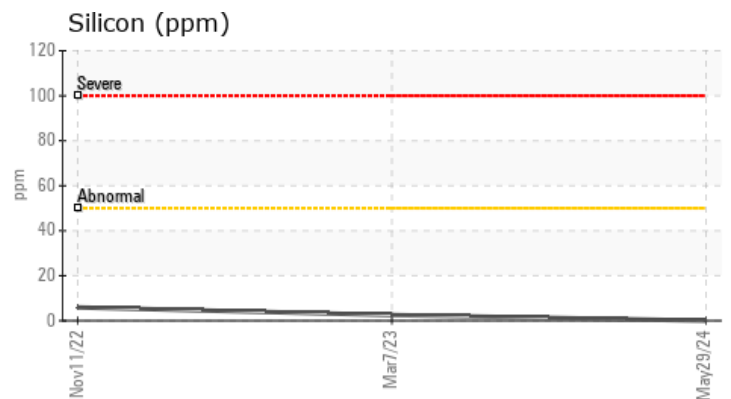
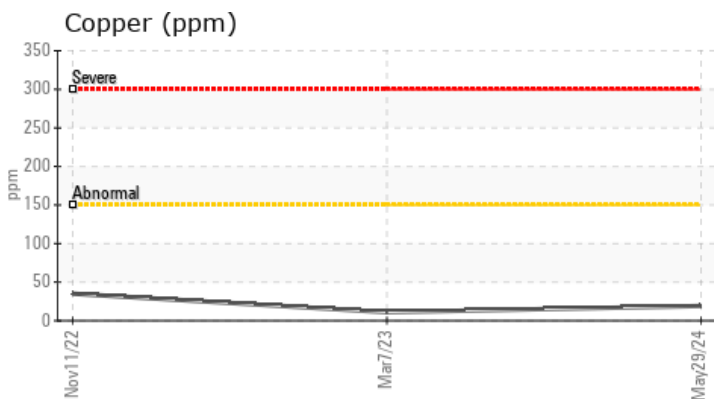
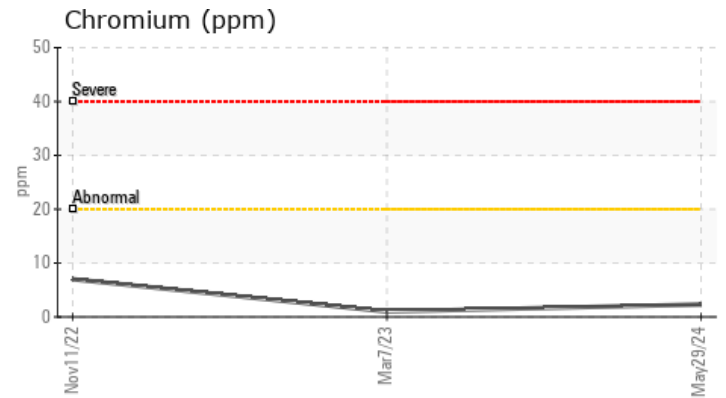
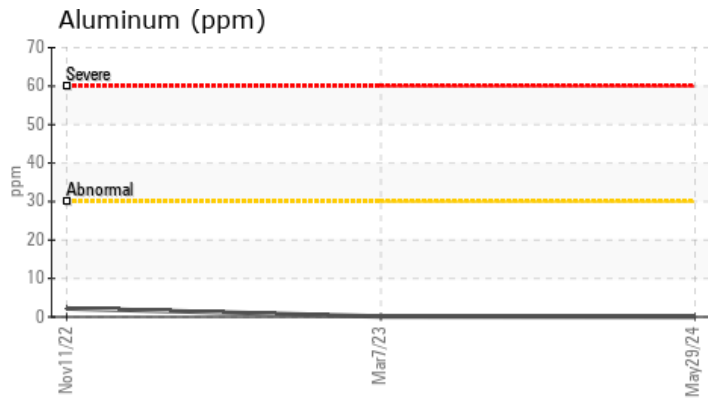
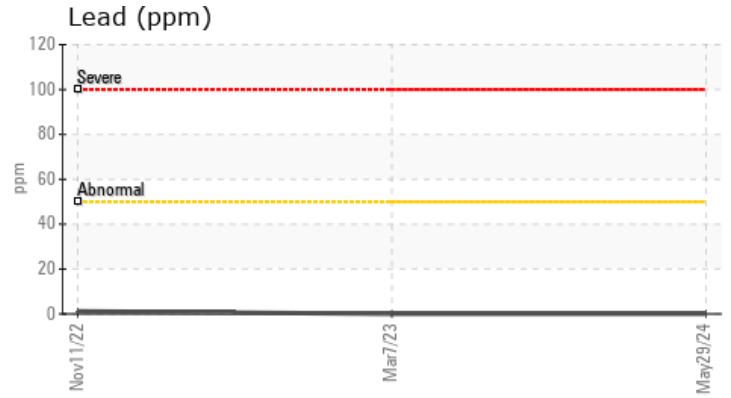
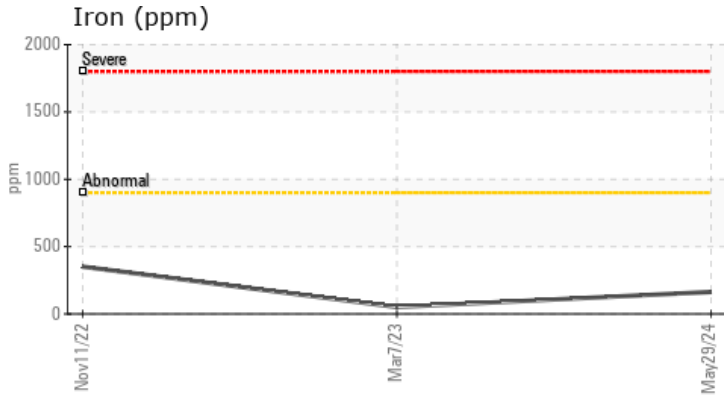
Depot: VOLVO0093
Unique No: 11061750
Signed: Wes Davis
Report Date: 05 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS





CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752489 - DROP BOX



Sample No: VCP439660
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP439660 | --- | --- | --- |
| Sample Date | 29 May 2024 | --- | --- | --- |
| Machine Hours | 3139 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233

OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 44.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|

CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 24 | --- | --- | --- |
| Sodium | ppm | ■ 3 | --- | --- | --- |
| Potassium | ppm | ■ 0 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ■ 60 | --- | --- | --- |
| Copper | ppm | ■ 2 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 10 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 4 | --- | --- | --- |
| Nickel | ppm | ■ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 91 | --- | --- | --- |
| Magnesium | ppm | ■ 1 | --- | --- | --- |
| Zinc | ppm | ■ 54 | --- | --- | --- |
| Phosphorus | ppm | 2376 | --- | --- | --- |
| Barium | ppm | ■ <1 | --- | --- | --- |
| Boron | ppm | ■ 174 | --- | --- | --- |

Depot: VOLVO0093
Unique No: 11061749
Signed: Don Baldrige
Report Date: 06 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

